



National Aeronautics and
Space Administration

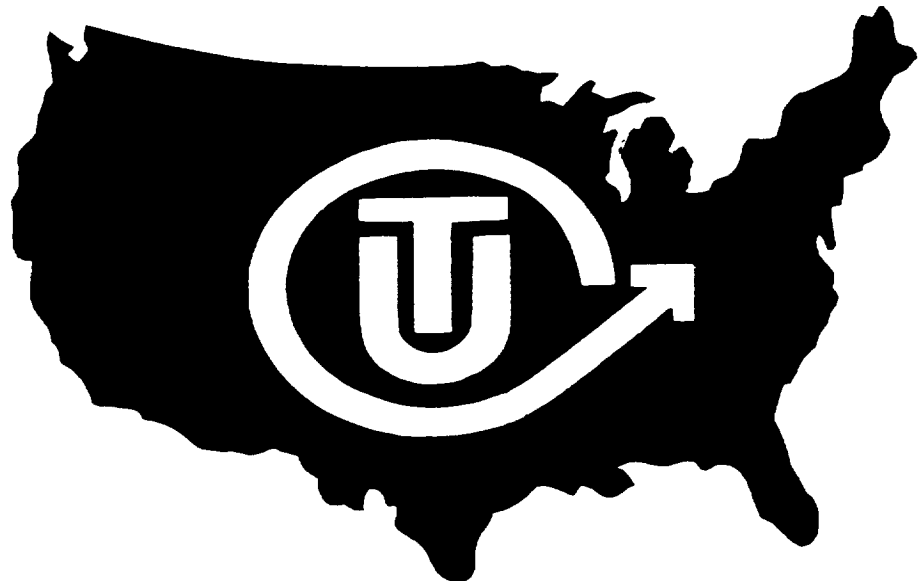
NASA-CR-194485

711-61-0R

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198

TUNS User Guide Supplement



(NASA-CR-194485) TUNS USER GUIDE
SUPPLEMENT: DATA DICTIONARY
(Information Systems and Networks
Corp.) 198 p

Data Dictionary

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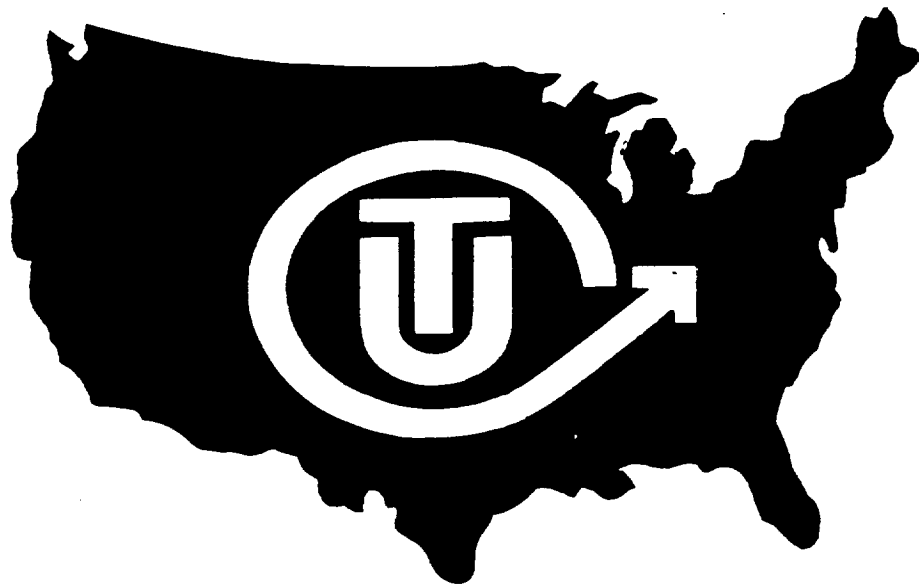
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National Aeronautics and
Space Administration

TUNS User Guide Supplement



Data Dictionary

TUNS USER GUIDE

NASA CONTRACT NUMBER: NASW-4164

INFORMATION SYSTEMS AND NETWORKS CORPORATION (ISN)
10411 MOTOR CITY DRIVE
BETHESDA, MARYLAND 20817

JULY 1988

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 1

AS OF DATE: 06/22/88

ELEMENT NAME: PROJ007B

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: bebe010e

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 2

AS OF DATE: 06/22/88

ELEMENT NAME: bene001

LONG NAME: BENE_KEY DATA TYPE: STRING DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

RECORD NUMBER:
Allows up to 9 digits. TUNS automatically generates this number.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: bene002

LONG NAME: BENE_TITLE DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

TITLE:
2 lines of 66 alphanumeric characters, each. STIF Center's
title of the Benefits Information spinoff. This particular STIF
center identifies and maintains the spinoff.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 3

AS OF DATE: 06/22/88

ELEMENT NAME: bene003

LONG NAME: CHAPTER DATA TYPE: STRING DATA SIZE: 40

DESCRIPTIVE NAME:

DESCRIPTION:

CHAPTER:

Allows up to 40 alphanumeric characters. Publication chapter
of the spinoff.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: bene004

LONG NAME: PUB DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

PUBLICATION:

Allows up to 20 alphanumeric characters. Publication name of
the new technology article.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 4

AS OF DATE: 06/22/88

ELEMENT NAME: bene005

LONG NAME: PAGE_NO DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

PAGE NUMBER:

Allows up to a 3 digit number. This field lists the beginning page number of the new technology article.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: bene006

LONG NAME: CENTER DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

CENTER:

Allows up to 10 alphanumeric characters. Name of the NASA TUO center that is the primary source of information on this innovation.

LEGAL VALUES:

NERAC-CT, NIAC-PA, STRC-NC, ARAC-IN, TAP-KY, STAC-FL, SUIAC-LA, CIAC-OK, TAC-NM, NIAC-CA, TUDS-MD, COSMIC-GA, GSFC-MD, LARC-VA, LERC-OH, KSC-FL, JSC-TX, NSTL-MS, JPL-CA, ARC-CA, STIF-MD, HQ-DC, MSFC-AL, SRI-CA, LTS-NY, APB-NY, RTIC-NC, REI-OK, LFW-MD, CHEN-DC-MA, ALL-NM, ISN-MD, SMU-MS, CHAP-CO

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 5

AS OF DATE: 06/22/88

ELEMENT NAME: bene007a

LONG NAME: BENE_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

NAME: Allows up to 31 characters. Use up to 10 for the first name, 1 for the middle initial, and 20 for the last name. This field contains the name of the innovator. Name could also refer to the person who is responsible for getting the innovation from the company that developed the spinoff.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: bene007b

LONG NAME: BENE_M_INT_ DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

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DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: bene007c

LONG NAME: BENE_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:
 Smith, Jr. Jones, III

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: bene008

LONG NAME: POSITION DATA TYPE: STRING DATA SIZE: 60

DESCRIPTIVE NAME:

DESCRIPTION:

POSITION:

Allows up to 60 alphanumeric characters. This is the position
held by the principal point of contact.

LEGAL VALUES:

WHERE USED:

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DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: bene009

LONG NAME:COMPANY DATA TYPE: STRING DATA SIZE: 60

DESCRIPTIVE NAME:

DESCRIPTION:

COMPANY:

Allows up to 60 alphanumeric characters. The name of the company responsible for developing the spinoff.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: bene010a

LONG NAME:BENE_ADS1 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

ADDRESS:

3 lines of 30 alphanumeric characters, each. Address of the company responsible for developing the spinoff.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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PAGE 8

AS OF DATE: 06/22/88

ELEMENT NAME: bene010b

LONG NAME: BENE_ADS2 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

ADDRESS LINE 2:

This field will accept up to 30 alpha/numeric characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: bene010c

LONG NAME: BENE_ADS3 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

ADDRESS LINE 3:

This field will accept up to 30 alpha/numeric characters.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: bene010d

LONG NAME: BENE_CITY DATA TYPE: STRING DATA SIZE: 25

DESCRIPTIVE NAME:

DESCRIPTION:

CITY:

Allows up to 25 alphanumeric characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: bene010e

LONG NAME: BEN_STATE DATA TYPE: STRING DATA SIZE: 2

DESCRIPTIVE NAME:

DESCRIPTION:

STATE:

Enter only standard U.S. Postal Service state abbreviations.

LEGAL VALUES:

AL, AK, AS, AZ, CA, CZ, CO, CT, DE, DC, FL, GA, GU, HI, ID, IL,
IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH,
NJ, NM, NY, NC, ND, OH, OK, OR, PA, PR, RI, SC, SD, TN, TX, UT,
VT, VA, VI, WA, WI, WV, WY

WHERE USED:

TUNS
DATA DICTIONARY

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PAGE 10

AS OF DATE: 06/22/88

ELEMENT NAME: bene010f

LONG NAME: BENE_ZIP DATA TYPE: STRING DATA SIZE: 5

DESCRIPTIVE NAME:

DESCRIPTION:

ZIP:
Enter either 5 digit zip code or 9 digit zip code.

LEGAL VALUES:

NNNNN
where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: bene010g

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNNN
where N is a value 0 through 9

WHERE USED:

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PAGE 11

ELEMENT NAME: bene011a

LONG NAME: BENE_PN_AC DATA TYPE: STRING DATA SIZE: 3

DESCRIPTION:

Enter in the following format: 3 - digit area code
8 - digit phone number
4 - digit extension

NNN
where N is a value 0 through 9

ELEMENT NAME: bene011b

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTION:

NNN-NNNN
where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 12

AS OF DATE: 06/22/88

ELEMENT NAME: bene011c

LONG NAME: BENE_PN_EXT DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

TELEPHONE EXTENSION:

Enter the individual's office extension. This field accepts 4 digits.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: bene012

LONG NAME: TRANS_MEC DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

TRANSFER MECHANISM:

2 lines of 66 alphanumeric characters each. This is a xerox copy of the article that is sent to the user via Federal Express.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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PAGE 13

AS OF DATE: 06/22/88

ELEMENT NAME: bene013

LONG NAME: LIC_PAT DATA TYPE: STRING DATA SIZE: 50

DESCRIPTIVE NAME:

DESCRIPTION:

LICENSE/PATENT:
Allows up to 50 alphanumeric characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: bene014

LONG NAME: ORIGIN DATA TYPE: STRING DATA SIZE: 60

DESCRIPTIVE NAME:

DESCRIPTION:

ORIGIN:
Allows up to 60 alphanumeric characters. Original
program/activity that developed the new technology.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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PAGE 14

AS OF DATE: 06/22/88

ELEMENT NAME: bene015

LONG NAME: PICTURES DATA TYPE: STRING DATA SIZE: 25

DESCRIPTIVE NAME:

DESCRIPTION:

PICTURES:

Allows up to 25 alphanumeric characters. If pictures are included, answer "Y". If not, answer "N".

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: bene016

LONG NAME: LEAD DATA TYPE: STRING DATA SIZE: 60

DESCRIPTIVE NAME:

DESCRIPTION:

LEAD:

Allows up to 60 alphanumeric characters. Tells who identified the spinoff information.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: bene017

LONG NAME: TECH_TERM DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

TECHNICAL TERMS:

2 lines of 66 alphanumeric characters, each. Enter technical key words that will help identify the appropriate spinoff.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: bene018

LONG NAME: INDPROC DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDUSTRIAL PROCESS:

1 character field. If the spinoff is appropriate for use in an industrial process, answer "Y". If the spinoff is not appropriate for use in an industrial process, answer "N".

LEGAL VALUES:

Y, y, N, n or blank.

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: bene019

LONG NAME: INDPROD DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDUSTRIAL PRODUCT:
1 character field. If the spinoff is appropriate for use as an industrial product, answer "Y". If the product is not appropriate for use as an industrial product, answer "N".

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

ELEMENT NAME: bene020

LONG NAME: CONSUMER DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

CONSUMER:
A 1 character field. If the spinoff is appropriate for use by the consumer, answer "Y". If not, answer "N".

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: bene021

LONG NAME: ABSTRACT DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

ABSTRACT:
10 lines of 66 alphanumeric characters, each. This is the
abstract of the SPINOFF article.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: cont001

LONG NAME: CONTRACT_NO DATA TYPE: STRING DATA SIZE: 15

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACT NUMBER:
A required field of up to 15 characters. This is the official
number assigned to the contract or grant at time of award. This
field can be queried.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: cont005

LONG NAME: CT_AWD_DT DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACT AWARD DATE:

The date of contract award signature, or the date grant work is to begin. This field can be queried.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: cont006

LONG NAME: CT_CMPL_DT DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACT COMPLETION DATE:

The end of a specific contract or grant's period of performance. This field can be queried.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: cont007

LONG NAME: CT_AMT DATA TYPE: AMOUNT DATA SIZE: 11

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACT AMOUNT:

The dollar value of a specific contract or grant. The field accepts up to 11 characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: cont008

LONG NAME: CT_TITLE DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACT TITLE:

A short description of the work to be performed under a specific contract or grant. This field is 4 lines long. Each line accepts up to 66 characters.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: cont009

LONG NAME: CT_OR_GRANT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACT/GRANT TYPE:
Type "C" for contract or "G" for Grant. This is a required field
and can be queried.

LEGAL VALUES:

C, c, G, or g.

WHERE USED:

ELEMENT NAME: cont010

LONG NAME: DT_CLOSE DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

DATE CONTRACT CLOSED:
The date the contract or grant was closed by TUO. Use this
format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: cont011

LONG NAME: CT_UNIV_CD DATA TYPE: STRING DATA SIZE: 7

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACTOR/GRANTEE CODE:

This is a required field that accepts up to 7 characters. It is the unique code that NASA Acquisition assigns to each vendor or university. This field is directly linked to the Contractor / Grantee database.

LEGAL VALUES:

not blank

WHERE USED:

ELEMENT NAME: cont014

LONG NAME: NT_CL_INC DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

NT CLAUSE INCLUDED (Y OR N):

Type " Y" if the contractor/grant includes a Patent Rights - Retention by Contractor Clause. Type " N" if it does not.

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: cont015

LONG NAME:NT_CL_DT DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

DATE OF NT CLAUSE:

Enter the effective date of the New Technology Clause according to the Federal Acquisition Register. This date can be queried. Use this format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: cont016

LONG NAME:PRSB_CL_INC DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

PRSB CLAUSE INCLUDED (Y OR N):

Type Y if the contract/grant includes a Patent Rights (Small Business Firm or Non profit Organization) Clause, N if it does not.

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: cont017

LONG NAME: PC_CL_DT DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

DATE OF PRO Clause:

Enter the effective date of the Patent Rights - Retention by
Contractor Clause according to the Federal Acquisition Register.
This field can be queried.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: cont018

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: cont019

LONG NAME: PS_CL_DT DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

DATE OF PRSB CLAUSE:
Enter the effective date of the Patent Rights (Small Business Firm or Nonprofit Organization) Clause according to the Federal Acquisition Register. This field can be queried.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: cont020

LONG NAME: PRI_CL_INC DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

PRI CLAUSE INCLUDED (Y OR N):
Type Y if the contract/grant includes a Property Rights in Inventions Clause, N if it does not. This field can be queried.

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: cont021

LONG NAME: PI_CL_DT DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

DATE OF PRI CLAUSE:

Enter the effective date of the Property Rights in Inventions
Clause according to the Federal Acquisition Register. Use this
format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: cont022

LONG NAME: SBIR_CT_INC DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

SBIR CONTRACT (Y OR N):

Type " Y" if the contract is a Small Business Innovative Research
contract. Type " N" if it is not. This field can be queried.

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: cont023

LONG NAME:FX_PR_CT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

FIXED PRICE CONTRACT (Y OR N):

Type "Y" if the contract/grant is fixed price, "N" if it is not.

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

ELEMENT NAME: cont024

LONG NAME:FNL_NTR_RPT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

ACCEPTABLE FINAL TECHNICAL REPORT (Y, N OR BLANK):

Type "Y" if the contract/grant has completed an Acceptable Final Technical Report, an "N" if they have not, or leave blank if the cotnract/grant has not yet reached this stage of activity.

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: cont025

LONG NAME: FNL_Tech_RPT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

ACCEPTABLE FINAL TECHNICAL REPORT (Y, N OR BLANK):

Type a "Y" if the contract/grant has completed an Acceptable Final Technical Report. Type " N" if it has not. Leave blank if the contract/grant has not yet reached this stage of activity.

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

ELEMENT NAME: cont026

LONG NAME: FNL_RPT_DT DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

FINAL REPORT DATE:

The date the TUO approves the final report. Use this format:
MM/DD/YY.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: cont027

LONG NAME: CT_IN_CLOS DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACT IN CLOSE-OUT OR PHYSICALLY COMPLETE (Y, N OR BLANK):
Type "Y" if the contract/grant is in "close out" or if it is
physically complete. Type " N" if it is not. Leave blank if it
has not yet reached this stage of activity.

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

ELEMENT NAME: cont028a

LONG NAME: CO_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACTING OFFICER NAME:
Enter the name of the contracting officer. The field requires
three pieces of information: (1) first name - up to 10
characters, (2) middle initial - one character, and (3) last name-
up to 20 characters.

LEGAL VALUES:

WHERE USED:

TUNS
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AS OF DATE: 06/22/88

ELEMENT NAME: cont028b

LONG NAME: CO_M_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: cont028c

LONG NAME: CO_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:

Smith, Jr Jones, III

LEGAL VALUES:

WHERE USED:

TUNS
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AS OF DATE: 06/22/88

ELEMENT NAME: cont029

LONG NAME: CO_MAILC DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACTING OFFICER MAIL CODE:
Enter the Contracting Officer's Mail Code. The field will accept
up to 10 alpha/numeric characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: cont030a

LONG NAME: CO_PN_AC DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACTING OFFICER PHONE:
Enter the Contracting Officer's commercial phone number in the
following format: 3 - digit area code,
 8 - digit phone number (includes dash)
 4 - digit extnesion

LEGAL VALUES:

NNN
where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: cont030b

LONG NAME: CO_PN_NO DATA TYPE: STRING DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

NNN-NNNN

where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: cont030c

LONG NAME: CO_PN_EXT DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

TELEPHONE EXTENSION:

Enter the individual's office extension. This field accepts 4 digits.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: cont031a

LONG NAME:TRCO_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACTOR POINT OF CONTACT:

Enter the name of the contracting officer's technical representative who is assigned to the contract/grant. Enter first name, middle initial, and last name.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: cont031c

LONG NAME:TRCO_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual. Punctuation and spaces may be used as long as the total number of characters and spaces does not exceed 20. For example:

Smith, Jr Jones, III

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: cont032

LONG NAME:TRCO_WORK DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

TRCO WORK DIV/SECTION:

Enter the work division or section of the TRCO. The field
accepts up to 10 characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: cont033

LONG NAME:TRCO_MAILC DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

TRCO MAIL CODE:

Enter the internal mail code of the contracting officer's
technical representative. The field accepts up to 10 characters.

LEGAL VALUES:

WHERE USED:

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DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: cont034a

LONG NAME:TRCO_PN_AC DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

TRCO PHONE:

Enter the TRCO's commercial phone number. Use the following
format: 3 - digit area code,
 8 - digit phone number (includes dash),
 4 - digit extension

LEGAL VALUES:

NNN

where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: cont034b

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNN-NNNN

where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: cont034c

LONG NAME: TRCO_PN_EXT DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

TELEPHONE EXTENSION:

Enter the individual's office extension. This field accepts 4 digits.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: cont035a

LONG NAME: CTR_POC_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACTOR POINT OF CONTACT:

Enter the name of the individual at the contractor/grantee site who is available to answer questions about the new technology clause in a specific contract or grant.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: cont035b

LONG NAME:CTR_POC_M_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:
Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: cont035c

LONG NAME:CTR_POC_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:
Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:
 Smith, Jr Jones, III

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 37

AS OF DATE: 06/22/88

ELEMENT NAME: cont036a

LONG NAME: CTR_POC_PH_AC DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACTOR POINT OF CONTACT PHONE:

Enter the Contractor Point of Contact's phone number. Use the following format: 3 - digit area code,
8 - digit phone number (includes dash),
4 - digit extension

LEGAL VALUES:

NNN

where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: cont036b

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNN-NNNN

where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 38

AS OF DATE: 06/22/88

ELEMENT NAME: cont036c

LONG NAME:CTR_POC_PH_EXT DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

TELEPHONE EXTENSION:

Enter the individual's office extension. This field accepts 4 digits.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: cont037

LONG NAME:INIT_FLAG DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INITIAL LETTER AT START OF CONTRACT:

Enter an "N" if this letter should be automatically generated.
Leave blank to not generate letter.

LEGAL VALUES:

N, n, or blank

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: cont038

LONG NAME: INTR_FLAG DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

REMINDER FOR INTERIM REPORT:

Enter an "N" if the letter should be automatically generated.
Leave blank to not generate letter.

LEGAL VALUES:

N, n, or blank

WHERE USED:

ELEMENT NAME: cont039

LONG NAME: COMP_FLAG DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

REMINDER FOR FINAL REPORT, ANNUAL REQUEST, REQUEST AT END OF
CONTRACT/GRANT:

Enter an N if this letter should be automatically generated.
Leave blank to not generate letter.

LEGAL VALUES:

N, n, or blank

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 40

AS OF DATE: 06/22/88

ELEMENT NAME: cont040

LONG NAME:SPEC_FLAG DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

REQUEST FOR SPECIFIC ITEMS:
Enter an "N" if this letter should be automatically generated.
Leave blank to not generate letter.

LEGAL VALUES:

N, n, or blank

WHERE USED:

ELEMENT NAME: cont041

LONG NAME:WITH_FLAG DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

REQUEST FOR WITHHOLDING OF PAYMENTS:
Enter an "N" if this letter should be automatically generated.
Leave blank to not generate letter.

LEGAL VALUES:

N, n, or blank

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 41

AS OF DATE: 06/22/88

ELEMENT NAME: cont042

LONG NAME: CERT_FLAG DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

CERTIFICATION OF COMPLIANCE:

Enter an "N" if this letter should be automatically generated.
Leave blank to not generate letter.

LEGAL VALUES:

N, n, or blank

WHERE USED:

ELEMENT NAME: cpri001

LONG NAME: CONT_PRI_NO DATA TYPE: STRING DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

POTENTIAL REPORTABLE ITEM NUMBER:

This is a system generated number of 9 digits. It can be queried.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 42

AS OF DATE: 06/22/88

ELEMENT NAME: cpri002

LONG NAME: CT_NO DATA TYPE: STRING DATA SIZE: 15

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACT NUMBER:

A required field of up to 15 characters. This is the official number assigned to the contract or grant at time of award. This field can be queried.

LEGAL VALUES:

not blank

WHERE USED:

ELEMENT NAME: cpri003

LONG NAME: DT_BY_TRCO DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

DATE ITEM REPORTED BY TRCO:

Enter the date the item was reported by TRCO. This field can be queried.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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PAGE 43

AS OF DATE: 06/22/88

ELEMENT NAME: cpri004

LONG NAME: PRI_TITLE DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

TITLE:

Enter the title of the Potential Reportable Item. This field is three lines in length. Each line will accept up to 66 characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: cpri005

LONG NAME: NTR_CONT_NO DATA TYPE: STRING DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

RESULTANT NTR CONTROL NUMBER:

When the Potential Reportable Item becomes an NTR, enter the NTR number. This field can be queried.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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PAGE 44

AS OF DATE: 06/22/88

ELEMENT NAME: ctor001

LONG NAME: CTOR_CD DATA TYPE: STRING DATA SIZE: 7

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACTOR/GRANTEE CODE:

A required field of up to 7 alpha/numeric characters. This is a unique code that NASA acquisition assigns to each vendor or university. This field is directly linked to the Contract/Grant database. This field can be queried.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ctor002

LONG NAME: CTOR_ORG DATA TYPE: STRING DATA SIZE: 60

DESCRIPTIVE NAME:

DESCRIPTION:

ORGANIZATION NAME:

A required field of up to 60 characters. Organization refers to the name of the company or university that has the NASA contractor grant. This field can be queried.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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PAGE 45

AS OF DATE: 06/22/88

ELEMENT NAME: ctor003a

LONG NAME: CTOR_ADS1 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

ADDRESS:

Field contains three lines of up to 30 alpha/numeric characters, each. Enter all address information OTHER than the contractor's or university's name, city, state, or zip.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ctor003b

LONG NAME: CTOR_ADS2 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

ADDRESS LINE 2:

This field will accept up to 30 alpha/numeric characters.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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PAGE 46

AS OF DATE: 06/22/88

ELEMENT NAME: ctor003c

LONG NAME: CTOR_ADS3 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

ADDRESS LINE 3:

This field will accept up to 30 alpha/numeric characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ctor003d

LONG NAME: CTOR_CITY DATA TYPE: STRING DATA SIZE: 25

DESCRIPTIVE NAME:

DESCRIPTION:

CITY:

A required field of up to 25 characters. This field can be queried.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ctor003e

LONG NAME: CTOR_STATE DATA TYPE: STRING DATA SIZE: 2

DESCRIPTIVE NAME:

DESCRIPTION:

STATE:

A required field of up to 2 characters. Use only standard U.S. Postal Service state abbreviations. This field can be queried.

LEGAL VALUES:

AL, AK, AS, AZ, CA, CZ, CO, CT, DE, DC, FL, GA, GU, HI, ID, IL,
IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH,
NJ, NM, NY, NC, ND, OH, OK, OR, PA, PR, RI, SC, SD, TN, TX, UT,
VT, VA, VI, WA, WI, WV, WY

WHERE USED:

ELEMENT NAME: ctor003f

LONG NAME: CTOR_ZIP DATA TYPE: STRING DATA SIZE: 5

DESCRIPTIVE NAME:

DESCRIPTION:

ZIP:

Enter either 5 digit zip codes or 9 digit zip codes. The first 5 digits of this field can be queried.

LEGAL VALUES:

NNNNN

where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 48

AS OF DATE: 06/22/88

ELEMENT NAME: ctor003g

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNNN
where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: ctor004a

LONG NAME: CTOR_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

GENERAL POC/PRINCIPLE INVESTIGATOR:
Requires three separate pieces of information:
(1) First name - enter up to 10 characters
(2) Middle initial - enter 1 character
(3) Last name - enter to 20 characters

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 49

AS OF DATE: 06/22/88

ELEMENT NAME: ctor004b

LONG NAME: CTOR_M_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ctor004c

LONG NAME: CTOR_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:

Smith, Jr

Jones, III

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 50

AS OF DATE: 06/22/88

ELEMENT NAME: ctor005a

LONG NAME: CTOR_POC_PN_AC DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

PHONE NUMBER: Enter the commercial phone number of
the POC or principal investigator in the following format:
3 - digit area code,
8 - digit phone number (includes dash),
4 - digit extension

LEGAL VALUES:

NNN
where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: ctor005b

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNN-NNNN
where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ctor005c

LONG NAME: CTOR_POC_PN_EXT DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

TELEPHONE EXTENSION:

Enter the individual's office extension. This field accepts 4 digits.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ctor008

LONG NAME: TYPE_CODE DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

TYPE (C OR G):

A required field. Indicate only a "C" for contractor or "G" for grantee. This field can be queried.

LEGAL VALUES:

C, c, G, or g

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 52

AS OF DATE: 06/22/88

ELEMENT NAME: ctrk001a

LONG NAME: CONT_NO DATA TYPE: STRING DATA SIZE: 15

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACT NUMBER:

A required field of up to 15 characters. This is the official number assigned to the contract or grant at time of award.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ctrk001b

LONG NAME: LTR_DT DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

DATE OF CONTRACT LETTER:

This field indicates the date a particular letter was automatically generated by TUNS. It cannot be updated.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 53

AS OF DATE: 06/22/88

ELEMENT NAME: ctrk001c

LONG NAME: LTR_TYPE DATA TYPE: NUMERIC DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

LETTER NUMBER:

Letter Number identifies the type of letter generated by TUNS during automatic correspondence generation. This letter is sent to the contractor/grantee.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ctrk005

LONG NAME: SUSP_DT DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACT LETTER SUSPENSE DATE: This date is automatically set by TUNS to 45 days after the initial contract letter was sent to the contractor or grantee. If the receiver does not respond by this date, a follow-up will be produced, the next time the generate correspondence function is run.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ctrk006

LONG NAME: FLTR_DT DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

DATE OF FOLLOW-UP CONTRACT LETTER:

This is the date a second letter was sent to a contractor or grantee who failed to respond by the "Contract Letter Suspense Date" established in the previous field.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ctrk007

LONG NAME: FSUSP_DT DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

FOLLOW-UP CONTRACT LETTER SUSPENSE DATE:

TUNS automatically sets this date to 30 days after the Follow-Up Contract Letter was sent to the contractor or grantee. If the receiver does not respond by this date, the Tickler function will report that a response is overdue.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ctrk008

LONG NAME:RESP_DT DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACTOR RESPONSE/REPORT DATE:

Enter the date the contractor or grantee responded to the
contract letter.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ctrk009

LONG NAME:COMMENTS DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

COMMENTS ON CONTRACTOR RESPONSE: This field consists of 5 lines.
Each line will accept up to 66 characters. Enter the response
correspondence comments made by the contractor or grantee.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 56

AS OF DATE: 06/22/88

ELEMENT NAME: eval001

LONG NAME: SRI_NO DATA TYPE: STRING DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

STANFORD RESEARCH INSTITUTE NUMBER:

A required alpha/numeric field containing up to 15 characters automatically generated by the system. A Stanford Research Institute (SRI) control number is assigned to each New Technology Report (NTR).

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: eval002

LONG NAME: NTR_NO DATA TYPE: STRING DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

NTR NUMBER:

Not a required field. Contains up to 9 alpha/numeric characters. The NTR Number begins with a three letter site reference: LAR=Langley, JPL=Jet Propulsion Lab, etc.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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PAGE 57

AS OF DATE: 06/22/88

ELEMENT NAME: eval003

LONG NAME: NT_TITLE DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

TITLE:

This field is comprised of 3 lines. Each field will allow up to 65 alpha characters. This title is the same as the NTR Evaluation Form title. When Keyword Search is performed on this field, it produces a list of all titles in the NTR database.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: eval004

LONG NAME: DT_RCV_4_EVAL DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

DATE RECEIVED FOR EVALUATION:

Enter a 2 digit month, a 2 digit day, and a 2 digit year in the following format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: eval005

LONG NAME:DT_RET_TUO DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

DATE RETURNED TO TUO:

Enter a 2 digit month, a 2 digit day, and a 2 digit year in the following format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: eval006

LONG NAME:RECOM_RATE DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

RECOMMENDED CLASSIFICATION:

Allows up to 2 alpha/numeric characters. This field uses a rating scale from 1.0 (highest) to 4.9 (lowest). Recommended Classification describes the classification given to the NTRs by SRI or COSMIC during their evaluation of these items.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: eval007a

LONG NAME:EVAL_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

EVALUATOR NAME:

Not a required field. Enter the following: first name - enter up to 10 characters, middle initial - enter 1 character, last name - enter up to 20 characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: eval007b

LONG NAME:EVAL_MI_IN DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: eval007c

LONG NAME: EVAL_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:
Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:
 Smith, Jr Jones, III

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: eval008

LONG NAME: EVAL_ORG_NM DATA TYPE: STRING DATA SIZE: 60

DESCRIPTIVE NAME:

DESCRIPTION:

EVALUATOR ORGANIZATION:
Allows up to 60 characters.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: eval009

LONG NAME: EVAL_TYPE DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

TYPE:

This one-character field describes the type of evaluation being done on the NTR. Choose from the following selection: 1 = Preliminary, 2 = Normal, 3 = In-depth, 4 = Special.

LEGAL VALUES:

1, 2, 3, 4, or blank

WHERE USED:

ELEMENT NAME: eval010

LONG NAME: REL_CENT_DB DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

RELEASE TO CENTRAL DATABASE: A one-character field that is completed in one of two ways: (1) by responding "Y" when SRI recommends that the NTR be released to the central TUNS database, or (2) by responding "N" to indicate that SRI does not recommend releasing the NTR to the central TUNS database.

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: eval011

LONG NAME:DT_2_EVAL1 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

DATE TO EVALUATOR:

A required field. Enter a 2 digit month, a 2 digit day, and a 2 digit year in the following format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: eval012

LONG NAME:DT_DUE_EVAL1 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

DATE DUE FROM EVALUATOR:

Date the NTR evaluation is due for completion and return to the SRI representative. Enter a 2 digit month, a 2 digit day, and 2 digit year in the following format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: eval013

LONG NAME: CAUSE_DELAY DATA TYPE: STRING DATA SIZE: 65

DESCRIPTIVE NAME:

DESCRIPTION:

CAUSE FOR DELAY:

If the due date is not met, this field provides an explanation for the delay. Up to 65 alpha/numeric characters are allowed.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: eval014

LONG NAME: DT_2_EVAL2 DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

DATE TO EVALUATOR(2):

Not a required field. This is the date when a second evaluator received the NTR for review. Enter a 2 digit month, a 2 digit day, and a 2 digit year in the MM/DD/YY format.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: eval015

LONG NAME:DT_DUE_EVAL2 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

DATE DUE FROM EVALUATOR(2):

The date the second NTR evaluation is due for completion and return to the SRI representative. Enter a 2 digit month, a 2 digit day, and a 2 digit year in the MM/DD/YY format.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: eval016

LONG NAME:DT_EVAL_CMPL DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

EVALUATION DATE:

Enter the actual date the SRI representative completed the evaluation. Enter a 2 digit month, a 2 digit day, and a 2 digit year in the MM/DD/YY format.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 65

AS OF DATE: 06/22/88

ELEMENT NAME: eval017

LONG NAME: EVAL_REPORT DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

EVALUATION REPORT:

Not a required field. This field is made up of approximately 17 lines. Each line will allow up to 66 alpha/numeric characters. This report explains the rationale for the Recommended Classification Field.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: eval020a

LONG NAME: EVAL2_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

EVALUATOR(2) NAME:

If a second evaluator is required in the NTR evaluation process, the second evaluator's name will be entered in this field. Enter 10 characters for first name, 1 character for middle initial and 20 characters for last name.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: eval020b

LONG NAME: EVAL2_MI_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: eval020c

LONG NAME: EVAL2_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:

Smith, Jr Jones, III

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: eval021

LONG NAME: EVAL-COMMENTS DATA TYPE: STRING DATA SIZE: 396

DESCRIPTIVE NAME:

DESCRIPTION:

COMMENTS:

Provide recommendations for potential applications, market information, or any recommendations for further action by NASA which would facilitate the transfer of this technology to non-aerospace applications.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: eval022

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

1.0, 1.1, 1.2, 2.0, 3.0, 3.1, 3.1A, 3.1a, 3.2, 3.3, 3.4, 4.0, 5.0,
or blank

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: eval023

LONG NAME: LITERAT_S_I DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

LITERATURE:

Indicate S for "searched" if a comprehensive review of appropriate technical literature was made as part of evaluation.
Indicate I for "included" if copies of literature are included to back up evaluator's recommendation.

LEGAL VALUES:

S, s, I, i, or blank

WHERE USED:

ELEMENT NAME: expl001

LONG NAME: EXPERT_KEY DATA TYPE: STRING DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

RECORD NUMBER:

A nine digit number generated by the system.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: expl002

LONG NAME: SITE_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

SITE NAME:
This field allows up to 10 alphanumeric characters. Site name is the name of the TU site sponsoring the expert.

LEGAL VALUES:

NERAC-CT, NIAC-PA, STRC-NC, ARAC-IN, TAP-KY, STAC-FL, SUIAC-LA,
CIAC-OK, TAC-NM, NIAC-CA, TUDS-MD, COSMIC-GA, GSFC-MD, LARC-VA,
LERC-OH, KSC-FL, JSC-TX, NSTL-MS, JPL-CA, ARC-CA, STIF-MD, HQ-DC,
MSFC-AL, SRI-CA, LTS-NY, APB-NY, RTIC-NC, REI-OK, LFW-MD,
CHEN-DC-MA, ALL-NM, ISN-MD, SMU-MS, CHAP-CO

WHERE USED:

ELEMENT NAME: expl003

LONG NAME: MAJ_DISC DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

MAJOR DISCIPLINE:
Field allows up to 20 alphanumeric characters. This is the major category name of the expert's scientific area of expertise.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: expl004

LONG NAME: SUB_DISC DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

SUB DISCIPLINE:

Field allows up to 20 alphanumeric characters. This field names each sub-category within the expert's major discipline.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: expl005a

LONG NAME: DISC_CONT_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

DISCIPLINE CONTACT: Allows up to 31 alphanumeric characters. This is the name of the person to contact if the user needs the specified expert's help. 20 characters are allowed for the first name, 1 character for the middle initial, and 20 for the last name.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: expl005b

LONG NAME: DISC_CONT_M_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: expl005c

LONG NAME: DISC_CONT_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:

Smith, Jr

Jones, III

LEGAL VALUES:

WHERE USED:

REPORT: T20A
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ELEMENT NAME: expl006a

LONG NAME:DISC CONT PN AC DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

DISCIPLINE CONTACT PHONE: Enter the telephone number of the individual to contact in order to request the expert's help. Use this format: 3 - digit area code,
8 - digit phone number (includes dash),
4 - digit extension

LEGAL VALUES:

NNN

where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: expl006b

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNN-NNNN

where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: expl006c

LONG NAME: DISC_CONT_PN_EXT DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

TELEPHONE EXTENSION:

Enter the individual's office extension. This field accepts 4 digits.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: expl007a

LONG NAME: S_DISC_CONT_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

SUB DISCIPLINE EXPERT: Allows up to 31 alphanumeric characters. Sub Discipline Expert is the name of the individual considered an expert in a specific field of a particular sub- discipline. 10 characters are allowed for the first name, 1 character for middle initial, and 20 characters for last name.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: expl007b

LONG NAME: S_DISC_CONT_M_IN DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: expl007c

LONG NAME: S_DISC_CONT_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:

Smith, Jr

Jones, III

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: expl008a

LONG NAME: S_DISC_CONT_PN_A DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

SUB DISCIPLINE PHONE:

Enter the commercial telephone of the sub discipline expert. Use
this format: 3 - digit area code
8 - digit number (includes dash)
4 - digit extension

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: expl008b

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNN-NNNN

where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: expl008c

LONG NAME: S_DISC_CONT_PN_E DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

TELEPHONE EXTENSION:

Enter the individual's office extension. This field accepts 4 digits.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: expl009a

LONG NAME: S_D_CONT_ADS1 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

SUB DISCIPLINE EXPERT ADDRESS:

This is the street address of the sub discipline expert. Allows 3 lines and each with 30 characters.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: expl009b

LONG NAME: S_D_CONT_ADS2 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

ADDRESS LINE 2:

This field will accept up to 30 alpha/numeric characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: expl009c

LONG NAME: S_D_CONT_ADS3 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

ADDRESS LINE 3:

This field will accept up to 30 alpha/numeric characters.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: expl009d

LONG NAME: S_D_CONT_CITY DATA TYPE: STRING DATA SIZE: 25

DESCRIPTIVE NAME:

DESCRIPTION:

CITY:
Allows up to 25 alphanumeric characters. Part of the Sub
Discipline Expert Address.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: expl009e

LONG NAME: S_D_CONT_STATE DATA TYPE: STRING DATA SIZE: 2

DESCRIPTIVE NAME:

DESCRIPTION:

STATE:
Allows up to 2 characters. Enter only standard U.S. Postal
Service state abbreviations.

LEGAL VALUES:

AL, AK, AS, AZ, CA, CZ, CO, CT, DE, DC, FL, GA, GU, HI, ID, IL,
IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH,
NJ, NM, NY, NC, ND, OH, OK, OR, PA, PR, RI, SC, SD, TN, TX, UT,
VT, VA, VI, WA, WI, WV, WY

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: expl009f

LONG NAME: S_D_CONT_ZIP DATA TYPE: STRING DATA SIZE: 5

DESCRIPTIVE NAME:

DESCRIPTION:

ZIP:

Enter either 5 digit zip codes or 9 digit zip codes.

LEGAL VALUES:

NNNNN

where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: expl009g

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNNN

where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: expl010

LONG NAME: SUB_EXP_ASSIGN DATA TYPE: STRING DATA SIZE: 60

DESCRIPTIVE NAME:

DESCRIPTION:

SUB DISCIPLINE EXPERT CURRENT ASSIGNMENT:
Allows up to 60 alphanumeric characters. The Sub Discipline Expert is the expert in a certain specific field of a sub-discipline. This field lists the assignment that the sub discipline expert is currently working on.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: expl011a

LONG NAME: TUO_CONT_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

TUO CONTACT:
Allows up to 31 characters. This is the name of the Technology Utilization Officer at the identified site. 10 characters are allowed for the first name, 1 for the middle initial, and 20 for the last name.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: expl011b

LONG NAME:TUO_CONT_M_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: expl011c

LONG NAME:TUO_CONT_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:
 Smith, Jr Jones, III

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: expl012a

LONG NAME: TUO_CONT_PN_AC DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

TUO PHONE NUMBER:

Enter the commercial telephone number of the TU Officer at the site. Use this format: 3 - digit area code
 8 - digit phone number (includes dash)
 4 - digit extension

LEGAL VALUES:

NNN

where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: expl012b

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNN-NNNN

where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: expl012c

LONG NAME:TUO_CONT_PN_EXT DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

TELEPHONE EXTENSION:

Enter the individual's office extension. This field accepts 4 digits.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: expl013

LONG NAME:DATA_SOURCE DATA TYPE: STRING DATA SIZE: 60

DESCRIPTIVE NAME:

DESCRIPTION:

DATA SOURCE:

Allows up to 60 alphanumeric characters. This field tells where the expert was found. For instance, an expert could come from a TU office.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: expl014

LONG NAME: DT_UPDATE

DATA TYPE: DATE

DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

UPDATE DATE:

Enter a 2 digit month, a 2 digit day, and a 2 digit year in the following format: MM/DD/YY. This is the date the data source was last updated.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: expl015

LONG NAME: DESCRIPTION

DATA TYPE: COMB

DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

BRIEF DESCRIPTION OF AREA OF EXPERTISE:

This field allows up to 6 lines, with 66 alphanumeric characters per line. This is the brief description of the expert's area of expertise.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 85

AS OF DATE: 06/22/88

ELEMENT NAME: exrc001

LONG NAME: EXRC_KEY DATA TYPE: STRING DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

RECORD NUMBER:

A nine digit number generated automatically by the system.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: exrc002

LONG NAME: SITE_NAME DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

SITE NAME:

This field will allow up to ten alpha characters. This is the name of a valid TU site.

LEGAL VALUES:

NERAC-CT, NIAC-PA, STRC-NC, ARAC-IN, TAP-KY, STAC-FL, SUIAC-LA,
CIAC-OK, TAC-NM, NIAC-CA, TUDS-MD, COSMIC-GA, GSFC-MD, LARC-VA,
LERC-OH, KSC-FL, JSC-TX, NSTL-MS, JPL-CA, ARC-CA, STIF-MD, HQ-DC,
MSFC-AL, SRI-CA, LTS-NY, APB-NY, RTIC-NC, REI-OK, LFW-MD,
CHEN-DC-MA, ALL-NM, ISN-MD, SMU-MS, CHAP-CO

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: exrc003

LONG NAME:ORG_CODE DATA TYPE: STRING DATA SIZE: 6 0

DESCRIPTIVE NAME:

DESCRIPTION:

ORGANIZATION CODE:

This field allows up to 6 alpha/numeric characters. This is the NASA code for the organization where the individual expert works.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: exrc004

LONG NAME:ORG_NAME DATA TYPE: STRING DATA SIZE: 60

DESCRIPTIVE NAME:

DESCRIPTION:

ORGANIZATION NAME:

Field allows up to 60 alpha characters. This is the name of the organization where the individual expert works.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: exrc006a

LONG NAME: TUO_CT_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

TUO CONTRACT NAME:

The name of the Technology Utilization Officer at the identified site. The field allows for up to 10 characters for the TU Officer's first name, 1 character for middle initial, and 20 characters for last name.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: exrc006b

LONG NAME: TUO_CT_M_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: exrc006c

LONG NAME: TUO_CT_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:
 Smith, Jr Jones, III

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: exrc007a

LONG NAME: TUO_CT_PN_AC DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

TUO PHONE: The commercial telephone of the TUO at the site.
Use the following format: 3 - digit area code,
 8 - digit phone number (includes dash),
 4 - digit extension

LEGAL VALUES:

NNN

where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: exrc007b

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNN-NNNN
where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: exrc007c

LONG NAME: TUO_CT_PN_EXT DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

TELEPHONE EXTENSION:
Enter the individual's office extension. This field accepts 4
digits.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: exrc008

LONG NAME: LAST_UPDATED DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

DATE OF LAST UPDATE:

The date the record was last updated. Enter this format MM/DD/YY.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: inov001

LONG NAME: INOV_CODE DATA TYPE: STRING DATA SIZE: 6

DESCRIPTIVE NAME:

DESCRIPTION:

INNOVATOR CODE: A required field of up to 6 alpha/numeric characters. The Innovator Code is used to distinguish one innovator from another. It is created by the following combination: (1) first three letters of last name, (2) first letter of first name, and (3) the middle initial.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: inov002

LONG NAME:SS_NO DATA TYPE: STRING DATA SIZE: 11

DESCRIPTIVE NAME:

DESCRIPTION:

INNOVATOR'S SOCIAL SECURITY NUMBER:

A required field of up to 11 characters. Since a social security number is considered confidential information, the social security number will not appear on all screens. It will not be printed on any reports.

LEGAL VALUES:

NNN-NN-NNNN or blank
where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: inov003a

LONG NAME:INOV_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

INNOVATOR NAME:

Requires three separate pieces of information: (1) first name - enter up to 10 characters, (2) middle initial - enter 1 character, and (3) last name - enter up to 20 characters. Keyword Search can be performed on the innovator's last name.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: inov003b

LONG NAME: INOV_N_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: inov003c

LONG NAME: INOV_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:

Smith, Jr Jones, III

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: inov004a

LONG NAME: INOV_ADS_1 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

INNOVATOR'S HOME ADDRESS:

Not a required field. Field contains up to 30 characters. Enter all home address information OTHER than innovator's name, city, state, or zip code.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: inov004b

LONG NAME: INOV_ADS_2 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

ADDRESS LINE 2:

This field will accept up to 30 alpha/numeric characters.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: inov004c

LONG NAME: INOV_ADS_3 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

ADDRESS LINE 3:

This field will accept up to 30 alpha/numeric characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: inov004d

LONG NAME: INOV_CITY DATA TYPE: STRING DATA SIZE: 25

DESCRIPTIVE NAME:

DESCRIPTION:

CITY:

Not a required field. Field contains up to 25 characters.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: inov004e

LONG NAME: INOV_ST DATA TYPE: STRING DATA SIZE: 2

DESCRIPTIVE NAME:

DESCRIPTION:

STATE:

Not a required field. Field contains up to 2 characters. Enter only standard U.S. Postal Service state abbreviations.

LEGAL VALUES:

AL, AK, AS, AZ, CA, CZ, CO, CT, DE, DC, FL, GA, GU, HI, ID, IL,
IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH,
NJ, NM, NY, NC, ND, OH, OK, OR, PA, PR, RI, SC, SD, TN, TX, UT,
VT, VA, VI, WA, WI, WV, WY

WHERE USED:

ELEMENT NAME: inov004f

LONG NAME: INOV_ZIP DATA TYPE: STRING DATA SIZE: 5

DESCRIPTIVE NAME:

DESCRIPTION:

ZIP:

Enter either 5 digit zip codes or 9 digit zip codes.

LEGAL VALUES:

NNNNN

where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
PAGE 96

AS OF DATE: 06/22/88

ELEMENT NAME: inov004g

LONG NAME:

DATA TYPE:

DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNNN

where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: inov005a

LONG NAME: INOV_PN_AC

DATA TYPE: STRING

DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

INNOVATOR'S HOME PHONE:

Use the following format: 3 - digit area code,
8 - digit phone number (includes dash)
4 - digit extension

LEGAL VALUES:

NNN

where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: inov005b

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNN-NNNN
where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: inov005c

LONG NAME: INOV_PN_EXT DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

TELEPHONE EXTENSION:
Enter the individual's office extension. This field accepts 4 digits.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: inov006

LONG NAME: INOV_EMP DATA TYPE: STRING DATA SIZE: 60

DESCRIPTIVE NAME:

DESCRIPTION:

INNOVATOR'S EMPLOYER:

A required field of up to 60 characters. This field contains the name of the organization where the innovator works.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: inov007

LONG NAME: INOV_DEPT DATA TYPE: STRING DATA SIZE: 60

DESCRIPTIVE NAME:

DESCRIPTION:

INNOVATOR'S DEPARTMENT:

A required field of up to 60 characters. Innovator's Department is the innovator's company name for the organizational group or department where the innovator works.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: inov008a

LONG NAME:EMP_ADS1 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

INNOVAATOR'S WORK ADDRESS:

Not a required field. Field contains three lines of up to 30 characters, each. Enter all work address information OTHER than innovator's name, city, state, or zip code.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: inov008b

LONG NAME:EMP_ADS2 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

ADDRESS LINE 2:

This field will accept up to 30 alpha/numeric characters.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: inov008c

LONG NAME: EMP_ADS3 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

ADDRESS LINE 3:
This field will accept up to 30 alpha/numeric characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: inov008d

LONG NAME: EMP_CITY DATA TYPE: STRING DATA SIZE: 25

DESCRIPTIVE NAME:

DESCRIPTION:

CITY:
Not a required field. Contains up to 25 characters.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: inov008e

LONG NAME: EMP_ST

DATA TYPE: STRING DATA SIZE: 2

DESCRIPTIVE NAME:

DESCRIPTION:

STATE:

Not a required field. Contains only 2 characters. Enter only standard U.S. Postal Service state abbreviations.

LEGAL VALUES:

AL, AK, AS, AZ, CA, CZ, CO, CT, DE, DC, FL, GA, GU, HI, ID, IL,
IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH,
NJ, NM, MY, NC, ND, OH, OK, OR, PA, PR, RI, SC, SD, TN, TX, UT,
VT, VA, VI, WA, WI, WV, WY

WHERE USED:

ELEMENT NAME: inov008f

LONG NAME: EMP_ZIP

DATA TYPE: STRING DATA SIZE: 5

DESCRIPTIVE NAME:

DESCRIPTION:

ZIP:

Enter either 5 digit zip codes or 9 digit zip codes.

LEGAL VALUES:

NNNNN

where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: inov008g

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNNN

where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: inov009a

LONG NAME: EMP_PN_AC DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

INNOVATOR'S WORK PHONE:

Enter the commercial phone number of the innovator. Use the
the following format: 3 - digit area code,
8 - digit phone number (includes dash),
4 - digit extension

LEGAL VALUES:

NNN

where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: inov009b

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNN-NNNN
where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: inov009c

LONG NAME:EMP_PN_EXT DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

TELEPHONE EXTENSION:
Enter the extension of the phone for the individual's office.
This field accepts 4 digits.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ipri001

LONG NAME: IPRI_NO DATA TYPE: STRING DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

IN-HOUSE POTENTIAL NT ITEM NUMBER:

A system generated number of 9 characters. this field is required.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ipri002

LONG NAME: RTR_NO DATA TYPE: STRING DATA SIZE: 12

DESCRIPTIVE NAME:

DESCRIPTION:

RTR NUMBER:

Research Technical Resume number. The field accepts up to 12 characters.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ipri003

LONG NAME: POTENT_NT_I_ST DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

IN-HOUSE POTENTIAL NT - ITEM TITLE:

Enter the title of the potential reportable item. This field consists of three lines; each line will accept up to 66 characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ipri004a

LONG NAME: TU_REP_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

TECHNICAL DIVISION TU REPRESENTATIVE NAME:

Enter the name of the person within the division who has technical responsibility for the RTR. Enter up to 10 characters for first name, enter 1 character for middle initial, and enter up to 20 characters for last name.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: ipri004b

LONG NAME: TU_REP_M_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ipri004c

LONG NAME: TU_REP_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:

Smith, Jr

Jones, III

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ipri005

LONG NAME:DT_REF_NOTR_REC DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

DATE REFERENCE NOTES RECORDED:

Enter the date the reference note was recorded. Use this format:
MM/DD/YY.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ipri006a

LONG NAME:TU_MEM_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

TU STAFF MEMBER RECORDING ITEM:

Enter up to 10 characters for the first name. Enter 1 character
for the middle initial, and enter up to 20 characters for the
last name.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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PAGE 108

AS OF DATE: 06/22/88

ELEMENT NAME: ipri006b

LONG NAME: TU_MEM_M_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:
Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ipri006c

LONG NAME: TU_MEM_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:
Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:
 Smith, Jr Jones, III

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ipri007

LONG NAME:REPORTED_NTR_NO DATA TYPE: STRING DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

REPORTED NTR NUMBER:

Enter the number of the reported NTR. This field accepts up to 9 characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ipri008

LONG NAME:RPT_NTR_DT DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

REPORTED NTR DATE:

Enter the date the NTR was reported. Use the format of MM/DD/YY.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ipri010a

LONG NAME:TD_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

TECHNICAL DIVISION REPRESENTATIVE NAME:

Enter the name of the person who is the head of the division.
This person should receive pertinent correspondence. Enter up
to 10 characters for first name, enter 1 character for middle
initial and enter up to 20 characters for last name.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ipri010b

LONG NAME:TD_M_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ipri010c

LONG NAME: TD_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:

Smith, Jr Jones, III

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ipri011

LONG NAME: TD_MAIL_CODE DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

TECHNICAL DIVISION REPRESENTATIVE MAIL CODE:

Enter the division's mail code. This field accepts up to 10
characters.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ipri012

LONG NAME:RTOP_R_D_NO . DATA TYPE: STRING DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

RTOP NUMBER:

Research & Development Objectives and Plans number. This field accepts up to 9 characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ipri013

LONG NAME:REF_NOTES DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

REFERENCE NOTES:

Enter any reference notes which may be applicable. This field consists of 10 lines; each accepts up to 66 characters.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ipri016

LONG NAME: TU_DIV_CD DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

TECHNICAL DIVISION:

Enter the name of the NASA technical division which has responsibility for the Potential Reportable Item. This field accepts up to 10 characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ipri019a

LONG NAME: AUTH1_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S FIRST NAME:

Enter up to 10 characters for the individual's first name. Spaces and punctuation may be used as long as the total does not exceed 10 characters. For example: Ruth Ann H. Thomas

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ipri019b

LONG NAME: AUTH1_M_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:
Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ipri019c

LONG NAME: AUTH1_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:
Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:
 Smith, Jr Jones, III

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ipri020a

LONG NAME: AUTH2_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S FIRST NAME:

Enter up to 10 characters for the individual's first name. Spaces and punctuation may be used as long as the total does not exceed 10 characters. For example: Ruth Ann H. Thomas

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ipri020b

LONG NAME: AUTH2_M_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ipri020c

LONG NAME: AUTH2_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:

Smith, Jr Jones, III

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrk001

LONG NAME: NEW_TECH_RPT_NO DATA TYPE: STRING DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

NTR NUMBER:

This number is assigned by the TU officer. It serves as the
primary identifier of the new technology item throughout its
life.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ntrk002

LONG NAME: NTR_ITEM_DT DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

DATE OF NTR:

This date will be automatically completed by TUNS. This information is taken from the NTR record which is being tracked. This field can not be updated.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrk005

LONG NAME: CTR_NO DATA TYPE: STRING DATA SIZE: 15

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACT NUMBER:

This contract number is taken from the NTR record which is being tracked. This field can not be updated.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: ntrk006

LONG NAME:NTR_ORIGIN DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

ORIGIN OF NTR (G, J, M, N, P, OR S):

This field will be automatically completed by TUNS. The information is taken from the NTR record which is being tracked.

LEGAL VALUES:

G, g, J, j, M, m, N, n, P, p, S, s, or blank

WHERE USED:

ELEMENT NAME: ntrk007

LONG NAME:NTR_TITLE DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

TITLE:

This field will be automatically completed by TUNS. This information is taken from NTR record which is being tracked.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: ntrk009a

LONG NAME:PREP_FNAME DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

PREPARER'S NAME:

The individual who tracks the NT item is identified here. The name field allows 10 characters for the first name, 1 character for middle initial, and 20 characters for the last name.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrk009b

LONG NAME:PREP_MI DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

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AS OF DATE: 06/22/88

ELEMENT NAME: ntrk009c

LONG NAME: PREP_LNAME DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:
 Smith, Jr Jones, III

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrk010

LONG NAME: DT_NTR_RCV_I_TUO DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

DATE NTR RECEIVED IN TUO:

Enter the date the NTR is received by the TUO. This field is
completed in the MM/DD/YY format.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ntrk016

LONG NAME: SC_CLASS DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

SRI/COSMIC CLASSIFICATION:

This field allows a 4-character rating of the NTR's innovativeness and applicability to industry. The rating scale = 1.00 (lowest) to 4.00 (highest).

LEGAL VALUES:

1.0, 1.1, 1.2, 2.0, 3.0, 3.1, 3.1A, 3.1a, 3.2, 3.3, 3.4, 4.0, 5.0,
or blank

WHERE USED:

ELEMENT NAME: ntrk017

LONG NAME: SC_CODE DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

SRI/COSMIC CODE (S OR C):

This one-character field is completed with a "S" for SRI or a "C" for COSMIC.

LEGAL VALUES:

S, s, C, c, or blank

WHERE USED:

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DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ntrk020

LONG NAME: SC_RECLASS DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

SRI/COSMIC RECLASSIFICATION:

If the TUO decides to have the NTR re-evaluated because additional information has been added or for other reasons, the reclassification code will be typed here. The rating scale = 1.00 (lowest) to 4.00 (highest).

LEGAL VALUES:

1.0, 1.1, 1.2, 2.0, 3.0, 3.1, 3.1A, 3.1a, 3.2, 3.3, 3.4, 4.0, 5.0,
or blank

WHERE USED:

ELEMENT NAME: ntrk026

LONG NAME: TUO_FINAL_CLASS DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

TUO FINAL CLASSIFICATION:

The TUO will assign the final NTR classification. This evaluation is made after the SRI classification is received. The rating scale = 1.00 (lowest) to 4.00 (highest) for this 4-character field.

LEGAL VALUES:

1.0, 1.1, 1.2, 2.0, 3.0, 3.1, 3.1A, 3.1a, 3.2, 3.3, 3.4, 4.0, 5.0,
or blank

WHERE USED:

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DATA DICTIONARY

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ELEMENT NAME: ntrk028

LONG NAME: RECON_NO DATA TYPE: STRING DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

RECON NUMBER:

An 8-character number is assigned to each NTR by the TU office. It serves as the primary identifier of the new technology item throughout its life. Enter the RECON number in this field.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrk029

LONG NAME: RECON_NO DATA TYPE: STRING DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

RECON NUMBER:

An 8-character number is assigned to each NTR for the RECON database.

LEGAL VALUES:

NN?LNNNL where N is a value 0 through 9, L is a value 1 through 9, and ? is any single character

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: ntrk045

LONG NAME: PATOFF_PUB_DEC DATA TYPE: STRING DATA SIZE: 15

DESCRIPTIVE NAME:

DESCRIPTION:

PATENT OFFICE PUB DECISION:
A 15-character field which allows a short description such as
"Hold", "O.K.", or "No". This is the decision (made by the Patent
Office) to publish, not publish, or hold the publication of the
Nt item in the Tech Brief.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrk046

LONG NAME: PAT_STATUS DATA TYPE: STRING DATA SIZE: 2

DESCRIPTIVE NAME:

DESCRIPTION:

PATENT STATUS:
A 2-character field. Complete with the same code used in NASA
Form 1380.

LEGAL VALUES:

A, B, C, D, E, F, GA, GB, H, a, b, c, d, e, f, ga, gb, h, or
blank

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: ntrk049

LONG NAME:

DATA TYPE:

DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACTOR PUB DECISION: A 15 character field. Complete this field with one of the following responses: No Decision, Do Not Publish, or NASA May Publish. This field contains the contractor's response to the TUO's request for permission to publish a Tech Brief on an NT item.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrk050

LONG NAME:PRCO_CL_INCL

DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

PRCO CLAUSE INCLUDED (Y OR N):
Enter Y if PRCO Clause is included, an N if it is not included.

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: ntrk051

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

ELEMENT NAME: ntrk052

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ntrk053

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

ELEMENT NAME: ntrk054a

LONG NAME: LISC_FNAME DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

NAME:

Field allows 10 characters for the first name, 1 character for middle initial, and 20 characters for last name.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: ntrk054b

LONG NAME: LISC_MI DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:
Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrk054c

LONG NAME: LISC_LNAME DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:
Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:
 Smith, Jr Jones, III

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: ntrk055a

LONG NAME: LISC_ADS1 DATA TYPE: STRINT DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

ADDRESS:

Provides 3 lines of text with 30 characters on each line.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrk055b

LONG NAME: LISC_ADS2 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

ADDRESS LINE 2:

This field will accept up to 30 alpha/numeric characters.

LEGAL VALUES:

WHERE USED:

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ELEMENT NAME: ntrk055c

LONG NAME: LISC_ADS3 DATA TYPE: STRING DATA SIZE: 30

DESCRIPTIVE NAME:

DESCRIPTION:

ADDRESS LINE 3:

This field will accept up to 30 alpha/numeric characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrk055d

LONG NAME: LISC_CITY DATA TYPE: STRING DATA SIZE: 25

DESCRIPTIVE NAME:

DESCRIPTION:

CITY:

This field accepts up to 25 characters.

LEGAL VALUES:

WHERE USED:

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ELEMENT NAME: ntrk055e

LONG NAME: LISC_ST DATA TYPE: STRING DATA SIZE: 2

DESCRIPTIVE NAME:

DESCRIPTION:

STATE:

Use only standard U.S. Postal Service state abbreviations.

LEGAL VALUES:

AL, AK, AS, AZ, CA, CZ, CO, CT, DE, DC, FL, GA, GU, HI, ID, IL,
IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH,
NJ, NM, NY, NC, ND, OH, OK, OR, PA, PR, RI, SC, SD, TN, TX, UT,
VT, VA, VI, WA, WI, WV, WY

WHERE USED:

ELEMENT NAME: ntrk055f

LONG NAME: LIST_ZIP DATA TYPE: STRING DATA SIZE: 5

DESCRIPTIVE NAME:

DESCRIPTION:

ZIP:

Accommodates both 5 and 9 number zip codes.

LEGAL VALUES:

NNNNN

where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: ntrk055g

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNNN
where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: ntrk056a

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNN
where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: ntrk056b

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNN-NNNN
where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: ntrk056c

LONG NAME: LISC_PN_EXT DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

TELEPHONE EXTENSION:
Enter the individual's office extension. This field accepts 4 digits.

LEGAL VALUES:

WHERE USED:

TUNS
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ELEMENT NAME: ntrk064

LONG NAME:TB_PUB_DATE DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

TB PUB DATE:
Allows 20 alpha/numeric characters. Use this format: MM/DD/YY.
This is the date the Tech Brief containing the related NT report
was published. In addition to date, this field allows for text,
such as "completed, etc." to be entered.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrk065a

LONG NAME:TB_PUB_VOL DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

TB PUB VOL:
Allows 2 digits. Publication volume gives the Tech Brief volume
number identifying where the specific NT report was published.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ntrk065b

LONG NAME:TB_PUB_NO DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

TB PUB NO:
Allows for 1 alphanumeric character. This field gives the Tech
Brief volume where the specific NT report was published.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrk065c

LONG NAME:TB_PUB_PAGE DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

TB PUB PAGE:
Allows for a 3 digit page number. This field is used to identify
the exact page where the specific NT report is located in the
Tech Brief Publication vol.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ntrk066

LONG NAME: COMMENTS

DATA TYPE: COMB

DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

COMMENTS ON PUBLICATION:

The TUO may choose to comment on the publication of the NTR. Two lines are provided here with each line allowing up to 66 characters of text.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrk069

LONG NAME: AMT_TB_AWD

DATA TYPE: AMOUNT

DATA SIZE: 11

DESCRIPTIVE NAME:

DESCRIPTION:

AMOUNT TB AWARD:

Allows 11 characters for dollar amount. The amount of the Space Act Tech Brief Award.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: ntrk073

LONG NAME:AMT_PAT_AWD DATA TYPE: AMOUNT DATA SIZE: 11

DESCRIPTIVE NAME:

DESCRIPTION:

AMOUNT OF PATENT AWARD:

Allows 11 characters for the dollar amount. This is the amount of the approved Space Act Patent Award.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrk075

LONG NAME:OTH_ADW1_NAME DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

OTHER AWARD NAME:

Allows for 20 characters. This field lists the title or name of the first other award to be issued.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: ntrk078a

LONG NAME: OTHAWD1_EV_FNAME DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

OTHER AWARD EVALUATOR NAME:
Allows up to 10 character for first name, 1 character for middle initial, and up to 20 characters for last name.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrk079

LONG NAME: OTH_AWD1_RECOM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

OTHER AWARD RECOMMENDATION:
Allows for 20 alpha/numeric characters. Contains evaluator's recommendations for the first other award.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ntrk080

LONG NAME: OTH_AWD1_AMT DATA TYPE: AMOUNT DATA SIZE: 11

DESCRIPTIVE NAME:

DESCRIPTION:

OTHER AWARD AMOUNT:
11 characters allowed for dollar amount.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrs001

LONG NAME: NTR_NO DATA TYPE: STRING DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

NTR NUMBER:
A required field of up to 9 alpha/numeric characters. The NTR numbers are site-option or TUNS generated numbers that will appear at the top of each of the five data screens that make up the NTR records.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: ntrs003

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrs005

LONG NAME: NTR_CONT_NO DATA TYPE: STRING DATA SIZE: 15

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACT NUMBER:

A required field of up to 8 alpha/numeric characters. You must enter a valid contract number before you can advance to the next field on the NTR form. If F2, F3 or F8 is pressed, you will be asked to re-enter the number or the record will be deleted.

LEGAL VALUES:

not blank

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ntrs005a

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

CONTRACT/RTR NUMBER: A required field of up to 8 alpha/numeric characters. Contract Number refers to those contracts that are generated outside of NASA. RTR Number refers to research that is generated inside NASA. A valid number must be entered before you can advance to the next field on the NTR form.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrs006

LONG NAME: DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

TITLE:
A required field comprised of three lines of up to 65 text characters each. If a keyword search is performed on this field, it will produce a list of all titles in the NTR database.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ntrs007

LONG NAME: NTR_DT DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

NTR ITEM DATE:

A required field. Gives the date the NTR report was created. Enter data using the MM/DD/YY format: enter a 2 digit month, a 2 digit day, and a 2 digit year.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrs008

LONG NAME: INNOVATOR_CODE_1 DATA TYPE: STRING DATA SIZE: 6

DESCRIPTIVE NAME:

DESCRIPTION:

INNOVATOR CODES/NAMES: An Innovator Code is used to identify each innovator. It is created by the following combination: (1) first three letters of the innovator's last name, (2) first letter of first name, and (3) middle initial. TUNS will automatically fill in innovator's name.

LEGAL VALUES:

not blank

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ntrs018

LONG NAME: ABS_INNOV DATA TYPE: STRING DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

ABSTRACT OF INNOVATION:

A required field up to 65 alpha/numeric characters per line.
This 16 line field summarizes the new technology innovation item.
Keyword Search can be performed on this field.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrs019

LONG NAME: PROG_SIG DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

PROGRAM SIGNIFICANCE:

A required field. This field describes the significance of new
technology items to the NASA Technology Utilization (TU) Program.

LEGAL VALUES:

1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, or blank

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ntrs020

LONG NAME: TECH_SIG DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

TECHNICAL SIGNIFICANCE:

This field describes the new technology items and their technical significance to science. Enter 3 numeric characters as follows:
1.0=know to exist, 2.0=modest advance, 3.0=substantial advance,
4.0=major improvement, 5.0=pioneering discovery.

LEGAL VALUES:

1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, or blank

WHERE USED:

ELEMENT NAME: ntrs021

LONG NAME: DEV_STATE DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

STATE OF DEVELOPMENT WHEN REPORTED:

This field describes the state of development when the new technology is reported. Enter one numeric character using the following: 1=Concept only, 2=Design, 3=Prototype, 4=Modification, 5=Production Model, and 6=Used in Current Work.

LEGAL VALUES:

1, 2, 3, 4, 5, 6, or blank

WHERE USED:

TUNS
DATA DICTIONARY

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PAGE 145

AS OF DATE: 06/22/88

ELEMENT NAME: ntrs022

LONG NAME: NOVELTY DATA TYPE: STRING DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

NOVELTY (SUMMARY):

This is a required field. This text field allows 10 lines of text with up to 65 alpha/numeric characters on each line. Keyword Search can be performed on this field. This field has a synopsis of the NT items which make the NT unique or unusual.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrs023

LONG NAME: PROBLEM DATA TYPE: STRING DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

PROBLEM (SUMMARY):

A required field which accepts up to 10 lines of 65 characters. You can do Keyword Search on this field. This field contains a synopsis of the problem solved by the NT item.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: ntrs024

LONG NAME: SOLUTION DATA TYPE: STRING DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

SOLUTION (SUMMARY):

A required field of up to 10 lines of text. Each line will accept up to 65 alpha/numeric characters. Keyword Search can be performed on this field. This field describes the steps used to solve the stated problem.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: ntrs025

LONG NAME: ADDIT_INNOV DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

MORE INNOVATORS (Y/N): A one-character field provided as a note. Enter "Y" when more than 10 innovators are associated with the NTR. Enter "N" when no more than 10 innovators are associated with the NTR. KEEP TRACK OF THESE ELSEWHERE because no additional screen will appear for user input.

LEGAL VALUES:

Y, y, N, n, or blank

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: ntrs026

LONG NAME: ORIGIN_NTR DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

ORIGIN (P,S,N,J,M,G):

A one character field which describes the origin of the new technology listed below. P=Primary contractor, S=Subcontractor, N=NASA in-house, J=Joint NASA/Contractor, M=Multiple and G=Grant.

LEGAL VALUES:

G, g, J, j, M, m, N, n, P, p, S, s, or blank

WHERE USED:

ELEMENT NAME: oldb001

LONG NAME: DB_NAMES DATA TYPE: STRING DATA SIZE: 60

DESCRIPTIVE NAME:

DESCRIPTION:

DATABASE NAME:

Field allows up to 60 alphanumeric characters. This is the name of the on-line database used for bibliographic searching. This name must be entered by the user.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: oldb002

LONG NAME: DB_SUBJ DATA TYPE: STRING DATA SIZE: 50

DESCRIPTIVE NAME:

DESCRIPTION:

SUBJECT KEYWORDS:
Allows up to 50 alpha characters. Keywords are a series of words which describe the associated record. These words are used for subject searches and are entered by the user.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: oldb003

LONG NAME: DB_CONTENTS DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

CONTENTS:
Comprises 15 lines. Each line allows up to 66 alphanumeric characters.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: oldb004

LONG NAME: PRODUCER DATA TYPE: STRING DATA SIZE: 60

DESCRIPTIVE NAME:

DESCRIPTION:

PRODUCER:
Allows up to 60 alphanumeric characters. This is the name of the organization responsible for the on-line database.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: oldb005

LONG NAME: FILE_SIZE DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

FIELD SIZE:
Allows up to 20 alphanumeric characters. File Size is the approximate number of records in the on-line database.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: oldb006

LONG NAME: FRQ_UPDT DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

FREQUENCY OF UPDATING:

Allows up to 10 alphanumeric characters. This field is generated by the system. It tells the user how often the updating has been performed.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: oldb007

LONG NAME: DT_CVRG DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

DATA COVERED:

Allows up to 20 characters. This field gives the range of updating dates for the on-line database.

LEGAL VALUES:

WHERE USED:

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DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: oldb008

LONG NAME: IAC_ACCESS DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

IACs HAVING ACCESS:

Comprises 5 lines. Each line allows up to 66 alphanumeric characters. These are the site names of the IACs that have access to the on-line database.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: oldb009

LONG NAME: ON_SERVICES DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

ON-LINE SERVICES:

Comprises 3 lines. Each line allows up to 66 alphanumeric characters. This is the name(s) of those on-line services which supply the database information.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: porj017

LONG NAME:DT_ACT5

DATA TYPE: DATE

DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

ACTUAL DATE:

Enter the actual date of optimization (hardware/software). Use
this format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj001

LONG NAME:REC_NO

DATA TYPE: STRING

DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

RECORD NUMBER:

A nine digit field generated automatically by TUNS.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: proj002

LONG NAME: TOPIC_CAT DATA TYPE: STRING DATA SIZE: 15

DESCRIPTIVE NAME:

DESCRIPTION:

TOPIC/CATEGORY:

A 15 character alphanumeric field that contains the topic or category (such as biochemical, etc.) that the application project falls under in the TU project database.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj003

LONG NAME: PROJ_TIT DATA TYPE: STRING DATA SIZE: 60

DESCRIPTIVE NAME:

DESCRIPTION:

PROJECT TITLE:

A 60 character alphanumeric field that contains the official title of the application project.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: proj004

LONG NAME: PROJ_ABS DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

PROJECT ABSTRACT:

Comprises 16 lines of 66 alphanumeric characters, each.
This is a technical abstract that states the purpose of the
project.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj005

LONG NAME: CENT_NAME DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

CENTER NAME:

A 10 character alphanumeric field which names the center involved
in the application project.

LEGAL VALUES:

NERAC-CT, NIAC-PA, STRC-NC, ARAC-IN, TAP-KY, STAC-FL, SUIAC-LA,
CIAC-OK, TAC-NM, NIAC-CA, TUDS-MD, COSMIC-GA, GSFC-MD, LARC-VA,
LERC-OH, KSC-FL, JSC-TX, NSTL-MS, JPL-CA, ARC-CA, STIF-MD, HQ-DC,
MSFC-AL, SRI-CA, LTS-NY, APB-NY, RTIC-NC, REI-OK, LFW-MD,
CHEN-DC-MA, ALL-NM, ISN-MD, SMU-MS, CHAP-CO

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: proj006a

LONG NAME:TUO_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

TUO NAME: A 31 character alphanumeric field. Enter up to 10 characters for the first name, enter 1 character for the middle initial, and enter up to 20 characters for the last name. This field gives the name of the Technology Utilization Officer at the identified site.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj006b

LONG NAME:TUO_M_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:
Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: proj006c

LONG NAME:TUO_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:

Smith, Jr

Jones, III

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj007a

LONG NAME:TUO_PN_AC DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

TUO PHONE:

Enter commercial telephone number of the TUO Officer at the site.
Use this format: 3 - digit area code

8 - digit phone number (including dash)

4 - digit extension

LEGAL VALUES:

NNN

where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

REPORT: T20A
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AS OF DATE: 06/22/88

ELEMENT NAME: proj007b

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNN-NNNN
where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: proj007c

LONG NAME: TUO_PN_EXT DATA TYPE: DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

TELEPHONE EXTENSION:
Enter the individual's office extension. This field accepts 4
digits.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: proj008

LONG NAME:DT_PLAN1 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

DATE PLANNED:
Enter the planned date in this format: MM/DD/YY

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj009

LONG NAME:DT_ACT1 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

ACTUAL DATE:
Enter the actual date in this format: MM/DD/YY

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: proj010

LONG NAME:DT_PLAN2 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

PLANNED DATE:

Enter the planned date of the feasibility study. Use this format:
MM/DD/YY.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj011

LONG NAME:DT_ACT2 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

ACTUAL DATE:

Enter the actual date for the feasibility study. Use this
format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: proj012

LONG NAME:DT_PLAN3 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

PLANNED DATE:

Enter the planned date of the contract award. Use this format:
MM/DD/YY.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj013

LONG NAME:DT_ACT3 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

ACTUAL DATE:

Enter the actual date of the contract award. Use this format:
MM/DD/YY.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: proj014

LONG NAME:DT_PLAN4 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

PLANNED DATE:
Enter the planned date of the prototype development. Use this
format: MM/DD/YY

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj015

LONG NAME:DT_ACT4 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

ACTUAL DATE:
Enter the actual date of the prototype development. Use this
format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: proj016

LONG NAME: DT_PLAN5 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

PLANNED DATE:

Enter the projected date of optimization (hardware/software).
Use this format: MM/DD/YY

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj017

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

Enter the actual date of optimization (hardware/software). Use
this format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: proj018

LONG NAME: DT_PLAN6 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

PLANNED DATE:

Enter the planned date of the field/lab. demo/implementation.
Use this format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj019

LONG NAME: DT_ACT6 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

ACTUAL DATE:

Enter the actual date of the field/lab. demo/implementation. Use
this format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: proj020

LONG NAME:DT_PLAN7

DATA TYPE: DATE

DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

PLANNED DATE:

Enter the projected date that the final report/handbook/spec was to be made available to the public. Use this format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj021

LONG NAME:DT_ACT7

DATA TYPE: DATE

DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

ACTUAL DATE:

Enter the date that the final report/handbook/spec was made available to the public. Use this format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: proj022

LONG NAME:DT_PLAN8 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

PLANNED DATE:

Enter the projected date that the product was made available to the public. Use this format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj023

LONG NAME:DT_ACT8 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

ACTUAL DATE:

Enter the actual date that the product was released to the public. Use this format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: proj024

LONG NAME:DT_PLAN9 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

PLANNED DATE:

Enter the projected date for project completion. Use this
format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj025

LONG NAME:DT_ACT9 DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

ACTUAL DATE:

Enter the actual date that the project was completed. Use this
format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: proj026

LONG NAME:REMARKS DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

PROJECT STATUS REMARKS:

Comprises 8 lines of 66 alphanumeric character each. These remarks are used to inform the project manager of the project's status.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj028

LONG NAME:TYPE_PROJ DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

TYPE (A OR C):

A one digit alpha character. A = Application. C = CCDS (Center for Commercialization Development of Space). This field describes the type of TU Project.

LEGAL VALUES:

C, c, A, a, or blank

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: proj029a

LONG NAME: TECH_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

TECHNICAL CONTACT:

A 31 alphanumeric field. Enter up to 10 characters for first name, enter 1 character for middle initial, and enter up to 20 characters for the last name. This is the person who works on the project.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj029b

LONG NAME: TECH_M_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: proj029c

LONG NAME: TECH_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:
 Smith, Jr Jones, III

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: proj030

LONG NAME: RTOP_NO DATA TYPE: STRING DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

RTOP NUMBER:

A nine digit alphanumeric number. RTOP is the NASA Research and
Development Objectives and Plans Summary number. It is used to
follow NASA in-house R&D effort.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: rtop001

LONG NAME:ACCSN_NO DATA TYPE: STRING DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

ACCESSION NUMBER:

A nine digit alphanumeric number assigned by NASA Headquarters.
This number is used to sequentially assign RTOPs within the
summary report.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: rtop002

LONG NAME:SUBJECT DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

SUBJECT:

Field allows up to 50 alphanumeric characters. This field
contains the subject of the NASA R&D project.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: rtop003

LONG NAME:RTOP_TITLE DATA TYPE: STRING DATA SIZE: 60

DESCRIPTIVE NAME:

DESCRIPTION:

TITLE:
A 60 alphanumeric character field containing the official title
of the NASA R&D project.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: rtop004

LONG NAME:RTOP_NO DATA TYPE: STRING DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

RTOP NUMBER:
A nine digit alphanumeric number. This number is the NASA
Research and Development Objectives and Plans Summary number. It
is used to follow NASA in-house R&D efforts.

LEGAL VALUES:

not blank

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: rtop005

LONG NAME: RESP_NASA_ORG DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

RESPONSIBLE NASA ORGANIZATION:

A 10 character field containing the name of the TU site which is sponsoring the expert.

LEGAL VALUES:

NERAC-CT, NIAC-PA, STRC-NC, ARAC-IN, TAP-KY, STAC-FL, SUIAC-LA,
CIAC-OK, TAC-NM, NIAC-CA, TUDS-MD, COSMIC-GA, GSFC-MD, LARC-VA,
LERC-OH, KSC-FL, JSC-TX, NSTL-MS, JPL-CA, ARC-CA, STIF-MD, HQ-DC,
MSFC-AL, SRI-CA, LTS-NY, APB-NY, RTIC-NC, REI-OK, LFW-MD,
CHEN-DC-MA, ALL-NM, ISN-MD, SMU-MS, CHAP-CO

WHERE USED:

ELEMENT NAME: rtop006a

LONG NAME: NASA_CONT_FNAME DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

NASA CONTACT NAME:

A 31 character field containing the name of the Technology Utilization Officer at the identified site.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: rtop006b

LONG NAME: NASA_CONT_MI DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: rtop006c

LONG NAME: NASA_CONT_LNAME DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:

Smith, Jr

Jones, III

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: rtop007a

LONG NAME: NASA_CONT_PN_AC DATA TYPE: STRING DATA SIZE: 3

DESCRIPTIVE NAME:

DESCRIPTION:

NASA CONTACT PHONE:

Enter the commercial telephone number of the TU Officer at the
site. Use this format: 3 - digit area code
 8 - digit phone number (including dash)
 4 - digit extension

LEGAL VALUES:

NNN

where N is a value 0 through 9

WHERE USED:

ELEMENT NAME: rtop007b

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

NNN-NNNN

where N is a value 0 through 9

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: rtop007c

LONG NAME: NASA_CONT_EXT DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

TELEPHONE EXTENSION:

Enter the extension of the phone for the individual's office.
This field accepts 4 digits.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: rtop008

LONG NAME: ABS_PART DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

ABSTRACT:

Contains 16 lines with 66 alphanumeric characters each. This is
the abstract of the application project identified in the project
title.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: rtrk001

LONG NAME:RTRCOR_KEY DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

RTR NUMBER:
This field displays the Research Technical Resume number. It can
not be edited.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: rtrk001a

LONG NAME:RE_TECH_RE_NO DATA TYPE: STRING DATA SIZE: 12

DESCRIPTIVE NAME:

DESCRIPTION:

RTR NUMBER:
This field displays the Research Technical Resume number. It can
not be updated.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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AS OF DATE: 06/22/88

ELEMENT NAME: rtrk001b

LONG NAME: LETTER_DT DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

DATE OF CORRESPONDENCE:

This field indicates the date a particular letter was generated by TUNS. It can not be updated.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: rtrk001c

LONG NAME: LETTER_TYPE DATA TYPE: STRING DATA SIZE: 4

DESCRIPTIVE NAME:

DESCRIPTION:

LETTER NUMBER:

Letter Number identifies the type of letter generated by TUNS during automatic correspondence generation. This field can not be updated.

LEGAL VALUES:

WHERE USED:

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ELEMENT NAME: rtrk002

LONG NAME: RSP_DUE_DT DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

RESPONSE DUE DATE:
TUNS automatically sets this date to 45 days after the initial letter is sent. If there is no response by this date, the next time the "Response Due to NT Assessment Under RTR Letter" function is run, a follow-up letter will be generated.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: rtrk003

LONG NAME: RSP_DT DATA TYPE: DATE DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

RESPONSE DATE:
Enter the date the technical representative responded to the letter. Use this format: MM/DD/YY.

LEGAL VALUES:

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: rtrk004

LONG NAME: RESPONSE DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

RESPONSE NOTES:

Enter any pertinent notes that relate to the response delivered by the technical representative. This field consists of two lines; each line accepts 66 characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: rtrk005

LONG NAME: FUP_LET_DT DATA TYPE: DATE DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

FOLLOW-UP LETTER DATE:

Due to the lack of response to the first letter, this is the date the second letter was sent. This field can not be updated.

LEGAL VALUES:

WHERE USED:

TUNS
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ELEMENT NAME: rtrk006

LONG NAME: FUP_RES_DT

DATA TYPE: DATE

DATA SIZE: 8

DESCRIPTIVE NAME:

DESCRIPTION:

FOLLOW-UP RESPONSE DATE:

TUNS automatically sets this date to 7 days after the Follow-Up letter was sent. Thus field can be updated.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: rtrs001

LONG NAME: RTR_NO

DATA TYPE: STRING

DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

RTR NUMBER:

A required field that accepts up to 12 characters. Enter the appropriate RTR number.

LEGAL VALUES:

WHERE USED:

TUNS
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ELEMENT NAME: rtrs002

LONG NAME: TITLE DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

RTR ITEM TITLE:
Enter the title of the RTR. This field consists of three lines;
each line accepts up to 66 characters.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: rtrs003

LONG NAME: ORG_CODE DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

ORGANIZATION CODE:
Enter the technical division's NASA organization code. This
field accepts up to 10 characters.

LEGAL VALUES:

NERAC-CT, NIAC-PA, STRC-NC, ARAC-IN, TAP-KY, STAC-FL, SUIAC-LA,
CIAC-OK, TAC-NM, NIAC-CA, TUDS-MD, COSMIC-GA, GSFC-MD, LARC-VA,
LERC-OH, KSC-FL, JSC-TX, NSTL-MS, JPL-CA, ARC-CA, STIF-MD, HQ-DC,
MSFC-AL, SRI-CA, LTS-NY, APB-NY, RTIC-NC, REI-OK, LFW-MD,
CHEN-DC-MA, ALL-NM, ISN-MD, SMU-MS, CHAP-CO

WHERE USED:

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ELEMENT NAME: rtrs004a

LONG NAME:ORG_F_NM DATA TYPE: STRING DATA SIZE: 10

DESCRIPTIVE NAME:

DESCRIPTION:

ORGANIZATION HEAD NAME:

Enter the name of the technical division head at the site where the RTR work is being done. Enter 10 up to characters for first name, enter 1 character for middle initial, and enter up to 20 characters for last name.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: rtrs004b

LONG NAME:ORG_M_INT DATA TYPE: STRING DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

INDIVIDUAL'S MIDDLE NAME:

Enter only 1 character for the middle initial.

LEGAL VALUES:

WHERE USED:

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ELEMENT NAME: rtrs004c

LONG NAME: ORG_L_NM DATA TYPE: STRING DATA SIZE: 20

DESCRIPTIVE NAME:

DESCRIPTION:

LAST NAME OF THE INDIVIDUAL:

Enter up to 20 characters for the last name of the individual.
Punctuation and spaces may be used as long as the total number of
characters and spaces does not exceed 20. For example:

Smith, Jr

Jones, III

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: rtrs008

LONG NAME: REF_NOTES DATA TYPE: COMB DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

RTR REFERENCE NOTES:

Enter any reference notes which may be applicable. This field
consists of 5 lines; each accepts up to 66 characters.

LEGAL VALUES:

WHERE USED:

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ELEMENT NAME: spsp002a

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

Y, y, or blank

WHERE USED:

ELEMENT NAME: sysp002a

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

Y, y, or blank

WHERE USED:

TUNS
DATA DICTIONARY

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ELEMENT NAME: sysp002b

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

Y, y, or blank

WHERE USED:

ELEMENT NAME: sysp002c

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

Y, y, or blank

WHERE USED:

TUNS
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ELEMENT NAME: sysp002d

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

Y, y, or blank

WHERE USED:

ELEMENT NAME: sysp002e

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

Y, y, or blank

WHERE USED:

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ELEMENT NAME: sysp002f

LONG NAME: DATA TYPE: DATA SIZE:

DESCRIPTIVE NAME:

DESCRIPTION:

LEGAL VALUES:

Y, y, or blank

WHERE USED:

ELEMENT NAME: sysp003

LONG NAME: LETTER_QLTY_PRT DATA TYPE: NUMERIC DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

PRINTERS: LETTER QUALITY

This field establishes the network printer number for the letter quality printer. If the system has a letter quality printer, the number should be a number from 0 - 4. If there is no letter quality printer, enter 9.

LEGAL VALUES:

WHERE USED:

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ELEMENT NAME: sysp004a

LONG NAME: DOT_MTRX_PRT DATA TYPE: NUMBER DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

PRINTERS: DOT MATRIX

This field establishes the network printer number for the dot matrix printer. If there is a shared dot matrix printer, this field should be completed with a number from 0 - 4. If there is no shared dot matrix printer on the LAN, enter 9.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: sysp005

LONG NAME: LASER_PRT DATA TYPE: NUMBER DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

PRINTERS: LASER

This field establishes the network printer number for the laser printer. If there is a shared laser printer, this field should be completed with a number between 0 - 4. If there is no shared laser printer on the TUNS network, enter 9.

LEGAL VALUES:

WHERE USED:

TUNS
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ELEMENT NAME: sysp006

LONG NAME: PLOTTER DATA TYPE: NUMBER DATA SIZE: 1

DESCRIPTIVE NAME:

DESCRIPTION:

PRINTERS: PLOTTER

This field establishes the network printer number for the plotter. If there is a shared plotter on the network, this field should be completed with a number from 0 - 4. If there is no shared plotter on the TUNS network, enter 9.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: sysp007

LONG NAME: NTR DATA TYPE: NUMBER DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

BEGINNING SEQUENCE NUMBERS: NTR NO

This field allows the System Administrator to establish the beginning sequence number for this automatically generated record key.

LEGAL VALUES:

WHERE USED:

TUNS
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ELEMENT NAME: sysp008

LONG NAME: CPRI

DATA TYPE: NUMBER DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

BEGINNING SEQUENCE NUMBER: CONTRACT PRI
This field allows the System Administrator to establish the beginning sequence number for this automatically generated record key.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: sysp009

LONG NAME: IPRI

DATA TYPE: NUMBER DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

BEGINNING SEQUENCE NUMBERS: IN-HOUSE PRI
This field allows the System Administrator to establish the beginning sequence number for this automatically generated record key.

LEGAL VALUES:

WHERE USED:

TUNS
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ELEMENT NAME: sysp010

LONG NAME:TIA DATA TYPE: NUMBER DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

BEGINNING SEQUENCE NUMBER: TI&A INQUIRIES

This field allows the System Administrator to establish the beginning sequence number for this automatically generated record key.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: sysp011

LONG NAME:ARCHIVAL DATA TYPE: NUMBER DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

BEGINNING SEQUENCE NUBMER: ARCHIVAL NUMBER

This field allows the System Administrator to establish the beginning sequence number for this automatically generated record key.

LEGAL VALUES:

WHERE USED:

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ELEMENT NAME: sysp013

LONG NAME: BENEFITS DATA TYPE: NUMBER DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

BEGINNING SEQUENCE NUMBER: BENEFITS INFO
This field allows the System Administrator to establish the
beginning sequence number for this automatically generated record
key.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: sysp014

LONG NAME: TU_TM_MEMBERS DATA TYPE: NUMBER DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

BEGINNING SEQUENCE NUMBER: TU TEAM MEMBERS
This field allows the System Administrator to establish the
beginning sequence number for this automatically generated
record key.

LEGAL VALUES:

WHERE USED:

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ELEMENT NAME: sysp015

LONG NAME: TU_PROJECTS DATA TYPE: NUMBER DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

BEGINNING SEQUENCE NUMBERS: TU PROJECTS

This field allows the System Administrator to establish the beginning sequence number for this automatically generated record key.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: sysp016

LONG NAME: EXPERT_REF_LOCAL DATA TYPE: NUMBER DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

BEGINNING SEQUENCE NUMBER: EXPERT (LOCAL)

This field allows the System Administrator to establish the beginning sequence number for this automatically generated record key.

LEGAL VALUES:

WHERE USED:

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ELEMENT NAME: sysp017

LONG NAME: BACK_COLOR DATA TYPE: NUMBER DATA SIZE: 2

DESCRIPTIVE NAME:

DESCRIPTION:

SCREEN COLOR OPTIONS: BACKGROUND

This field establishes the background color for the TUNS screens. The number should be a number from 1 - 7 and should not be the same as the Foreground or Required Data color.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: sysp018

LONG NAME: FORE_COLOR DATA TYPE: NUMBER DATA SIZE: 2

DESCRIPTIVE NAME:

DESCRIPTION:

SCREEN COLOR OPTIONS: FOREGROUND

This field establishes the Foreground color of the TUNS screens. A number from 1 - 7 should be entered. This number should be a different number from the Background and Required Data numbers.

LEGAL VALUES:

WHERE USED:

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ELEMENT NAME: sysp019

LONG NAME: REQ_COLOR DATA TYPE: NUMBER DATA SIZE: 2

DESCRIPTIVE NAME:

DESCRIPTION:

SCREEN COLOR OPTIONS: REQUIRED DATA

This field establishes the color for those fields which are either highly desirable or required in TUNS. Select a number from 1 - 7. This number should be a different number from the ones used for the Foreground and Background.

LEGAL VALUES:

WHERE USED:

ELEMENT NAME: sysp020

LONG NAME: EXPERT_REF_CENT DATA TYPE: NUMBER DATA SIZE: 9

DESCRIPTIVE NAME:

DESCRIPTION:

BEGINNING SEQUENCE NUMBER: EXPERT (CENTRAL)

This field allows the System Administrator to establish the beginning sequence number for this automatically generated records

WHERE USED:

